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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER ISPH-0852USA 10/559401 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/US2004/013379	INTERNATIONAL FILING DATE April 30, 2005	PRIORITY DATE CLAIMED June 4, 2003
TITLE OF INVENTION SEIGONUCLEOTIDE MODULATION OF CELL ADHESION		
APPLICANT(S) FOR DO/EO/US C. Frank Bennett and Thomas P. Condon		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: Return Postcard; Copy of Request for Correction of Applicant Information; Express Mail Label No. EV 625892367 US. 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AP16 Rec'd PCT/PCTO 05 DEC 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER					
10/559401		PCT/US2004/013379		ISPH-0852USA					
The following fees have been submitted									
21. <input checked="" type="checkbox"/> Basic national fee..... \$300									
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200									
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500									
TOTAL OF 21, 22 and 23 = \$ 600.00									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE						
- 100 =	/50 =		x \$250						
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	11	- 20 =	x \$ 50						
Independent claims	2	- 3 =	x \$200						
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360						
TOTAL OF ABOVE CALCULATIONS = \$ 600.00									
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.									
SUBTOTAL = \$ 300.00									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).									
TOTAL NATIONAL FEE = \$ 300.00									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property									
TOTAL FEES ENCLOSED = \$ 300.00									
<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$ 300.00</td> </tr> </table>						Amount to be refunded:	\$	Amount to be charged:	\$ 300.00
Amount to be refunded:	\$								
Amount to be charged:	\$ 300.00								
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.									
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500252</u> in the amount of \$ <u>300.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500252</u> . A duplicate copy of this sheet is enclosed.									
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
 SIGNATURE									
Colleen J. McKiernan, Ph.D.									
NAME									
48,570									
REGISTRATION NUMBER									

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Before the United States Receiving Office

For the Patent Cooperation Treaty

40/559401

RECEIVED PCT/US 15 DEC 2005

IN RE APPLICATION OF:

ISIS PHARMACEUTICALS, INC., ET AL.

International Application No.:

PCT/US2004/013379

International Filing Date:

30 April 2004

Our Ref.:

ISPH-0852

Certificate of Facsimile Transmission or Mailing

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I hereby certify that this paper is being transmitted via facsimile or is being deposited First Class Mail in an envelope addressed to:
Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

On 11/30/2005


Laura Eames

REQUEST FOR CORRECTION OF APPLICANT INFORMATION

Dear Sir:

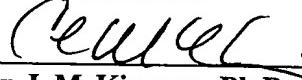
Applicant respectfully requests the following corrections be made to the above-identified International Patent Application:

Remove Inventor: Christopher K. Mirabelli
9 Pine Street
Dover, MA 02030

Add Inventor: Thomas P. Condon
6 Woodgrove Dr. #04-19
Singapore, 738209

We respectfully request these changes be made and notice sent to all designated offices. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-0252 referencing docket number ISPH-0852.

Respectfully submitted

By: 
Colleen J. McKiernan, Ph.D.
Registration No.: **48,570**
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(760) 931-9200

Date: November 30, 2005